Data Sheet
FUJITSU FUTRO X923
Thin Client

More Than Just a Thin Client

The smart FUJITSU FUTRO X923 with the full advantages of a thin client is your choice for highly secure server-based computing and desktop virtualization. Being a member of the X line family, incorporating 3 different technologies in a monolith design, your work environment will take on a neat, sophisticated look. Benefit from innovative features such as energy saving plus a user-friendly multi-position 58.4 cm (23-inch) LED display. Significant TCO savings are achieved with sophisticated management options.

Ergonomics
Enables a clutter-free workspace, increasing user satisfaction
- Space-saving and single-cable design

Silent operations
Highest productivity in a human-centric office environment
- Advanced energy-efficiency enables fanless operations of the FUJITSU FUTRO X923

Manageability
Easy administration while significantly reducing the total cost of ownership
- Comprehensive Enterprise manageability solution

Future proof technology
Be prepared for the future today
- Innovative features like the Power over Ethernet option

System compatibility
Easy integration into your existing IT infrastructure
- Runs on eLux™ or Microsoft Windows Embedded Standard 7

Technical details Components

Display	
Tilt angle	-3° / +35°
Contrast - advanced	10,000,000:1
Response time typical	14 ms
Viewing angle (h/v) - typical	178°/178° CR10:1
Color performance	16.7 million colors (Hi-FRC)
Brightness - typical	250 cd/m
Aspect ratio	16:9
Resolution (native)	1,920 x 1,080 pixel
Pixel Pitch	0.265 mm
Memory modules	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
	8 GB (1 module(s) 8 GB) DDR3, non-ECC, 1,600 MHz, PC3-12800, SO DIMM
Graphics	DVI to VGA Adapter
Hard disk drives (internal)	mSATA, 2 GB Flash drive (SLC technology)
	mSATA, 4 GB Flash drive (SLC technology)
	mSATA, 8 GB Flash drive (MLC technology)
	mSATA, 8 GB Flash drive (SLC technology)
	mSATA, 16 GB Flash drive (MLC technology)
	mSATA, 32 GB Flash drive (MLC technology)
Interface add on cards/components (optional)	
	WLAN Atheros 802.11a/b/g/n
	Dual serial and 2nd PS/2 cable
Operating system and software (Linux)	
Operating system	eLux™ RP – Embedded Linux
Functions	BaseOS eLux™ RP, V4.6.0-1 Citrix® Receiver for Linux (for ICA / HDX protocol), V13.0.3.1-1 VMware® Horizon View Client (for PCoIP protocol), V5.4.4.1-1 (optional) FreeRDP Client (for RDP protocol), V1.0.2.1-17 RDPConnect, V3.1-1 Adobe® Flash Player 11 for Linux, V11.2.202.356-1 Mozilla Firefox® Browser, V24.4.0-1 VPN System, V4.4-2 ThinPrint® client, V7.0.41-2 Bios_tools for remote BIOS updates via Scout Enterprise, V2.1-1 Updates and all available software packages for eLux™ RP can be downloaded from www.myelux.com
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, BIOS update, managing devices by location, group or user, individual operating system composition with ELIAS (Scout Enterprise license required)
Operating system and software (Windows)	
Operating system	Windows Embedded Standard 7 (WS7P)

Operating system and software (Windows)	
Functions	Language: EN, DE, FR, IT, ES Citrix Receiver Enterprise 4.1 VMware View Horizon Client 2.3 RDP-Client Protocol V 8.0 with RemoteFX Scout Agent for WES 7 (Build 62) WEDM Microsoft Windows Embedded Device Manager Sumatra PDF Reader 2.1.1 DotNET Framework 2.0, 3.0, 3.5, 4.0 Internet Explorer 9 Media Player 12 Premium Multimedia Codecs Adobe Flashplayer 11.5 Security (SmartCard Reader support) FBWF File Base Write Filter, EWF Enhanced Write Filter
Manageability	Scout Enterprise, flash memory management, embedded operating system update and system monitoring, managing devices by location, group or user, individual operating system composition with ELIAS

Mainboard	
Mainboard type	D3333
Formfactor	proprietary
Processor options	AMD G-Series GX-415GA (1.50 GHz, Quad Core, 2 MB, AMD Radeon™ HD 8330E)
Processor quantity maximum	1
Memory slots	1
Supported capacity RAM (max.)	8 GB
LAN	10/100/1,000 MBit/s Realtek RTL 8111E
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC663
Audio features	Internal stereo speakers

Interfaces	
Audio left side: line-out / headphone	1
Audio left side: line-in / microphone	1
USB 2.0 total	5
USB 3.0 total	2
USB left side	2
USB internal	1
VGA	1 (via DVI to VGA adapter, part of shipment)
DVI	1 DVI-I (integrated VGA can be used with DVI-VGA adapter)
Rear connector dual serial and 2nd PS/2	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1

Input device / components	

Graphics on board	
Graphics brand name	AMD Radeon™ HD 8330E (in combination with AMD G-Series GX-415GA)
Shared video memory	up to 2 GB, BIOS default 256 MB
TFT resolution (VGA)	up to 1,920 x 1,200 pixel
TFT resolution (DVI)	up to 1,920 x 1,200 pixel
Graphics features	DirectX® 11.1 Open CL® 1.2 OpenGL® 4.1

Electrical values	
Power consumption maximum	37 W
Power consumption short idle	21 W

Electrical values	
Power consumption long idle	5,6 W
Power consumption sleep mode power	1,3 W
Power consumption off mode power	0,42 W
Power efficiency note	power supply efficiency (at 115V/230V; 10% / 20% / 50% / 100% load) : 87% / 88% / 90% / 90%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	65 W (integrated in system)
Power factor correction/active power	No (meets input harmonic current according EN61000-3-2)
Monitor outlet	No
Power consumption	

Dimensions / Weight / Environmental	
Dimensions (W x D x H)	533 x 224 x 419 mm
	20.99 x 8.82 x 16.5 inch
Operating position	Vertical
Weight	8.0 kg
Weight (lbs)	15.44 lbs
Weight notes	Actual weight may vary depending on configuration

Compliance	
Product	FUTRO X923
Model	MPC2-D3333
Europe	CE
USA/Canada	FCC Class B cCSAus
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)
Japan	VCCI Class B
Russia	GOST EAC
Australia/New Zealand	C-Tick
Saudi Arabia	SASO
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates

Security	
Physical Security	Kensington Lock support
System and BIOS Security	Boot sector virus protection Write protect option for the Flash EPROM Control of all USB interfaces Optional: Trusted platform module (TPM 1.2) HDD password on boot
User Security	User and supervisor BIOS password

Warranty	
Standard Warranty	2 years (depending on country)
Service level	Bring-in Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty)
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty

Maintenance and Support Services - the perfect extension	
Recommended Service	9x5, Response Time: Next Business Day
Spare Parts availability	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/services/support

Recommended Accessories

Midspan Micro Semi PD-9501G		Midspan Micro Semi PD-9501G is a single port Power over Ethernet solution, specially designed to power IEEE 802.11n and other high power Ethernet end Terminals with 60W. It is fully backward compatible and easy to implement in your existing Ethernet infrastructure.	Order Code: S26361-F1744-L10
Midspan Micro Semi PD-9512G		Midspan Micro Semi PD-9512G is a Power over Ethernet solution with 12 ports, -72W per port, specially designed to power network devices like cameras, access control systems, Thin Clients and other Ethernet end terminals. It is fully backward compatible and supports IPv4 and IPv6.	Order Code: S26361-F1744-L20
UC&C USB Headset Stereo H650e		The UC&C USB Headset Stereo H650e is the ultimate in style and functionality. Long, uncomfortable work calls are a thing of the past thanks to the cushioned ear pads and crystal clear sound. Adjustable headband and microphone provides the perfect fit for everyone. Optimized for Microsoft® Lync™ the headset displays a red 'in-call' LED to let your co-workers know when you're available, thus helping to boost office productivity.	Order Code: S26391-F7139-L10
Wireless Keyboard Set LX901		The Wireless Keyboard LX901 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security.	S26381-K565-L4** (**: Country specific variation)

More information

Fujitsu OPTIMIZATION Services

In addition to FUJITSU FUTRO X923, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
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Software
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More information

Learn more about FUJITSU FUTRO X923, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/FUTRO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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